

Research on Visual Image Feedback System Based on Artificial Intelligence Applied to Intelligent Chip

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Abstract. Some citizens or the education recipients of artificial intelligence may have an illusion that a good painting is only built on good ideas and intentions, but this is not the case. Music education cannot be separated from complex technique practice, which must be established from the very beginning. For artificial intelligence, emphasizes the cultural interpretation and thoughtful people only for image of cognitive bias, on the one hand, don't need to seriously think that artificial intelligence works hard to do, only the explanation and the effect of art system can make it work, on the other hand, the technical factors of desalination has low levels of artificial intelligence products and prejudice, the value of art itself cognitive also have changed.

Keywords: Artificial Intelligence, Smart Chip, Possibility Exploration

1. Introduction

It is possible to build smart chips from artificial intelligence. The current ARTIFICIAL intelligence education focuses more on "aesthetic" and "literary humanity" and ignores "artisanship", which can be seen from the history of Chinese ARTIFICIAL intelligence. Artisans and folk painters have no status, nor does the history of foreign ARTIFICIAL intelligence. Under the artificial intelligence education dominated by academic value, there is a lack of cultural significance of artificial intelligence, and at the same time, it is not objective to only equate the opinions of painters and literati with craftsmen^[1-3].

2. Significance of artificial intelligence technology in the subject of artificial intelligence

2.1. Artistic works with specific images created by artificial intelligence

The word "technology" is not a proper term in artificial intelligence. It generally refers to the behavior and order involved in the production process of all artificial intelligence works. Technology is free from ideological factors^[4-6].

For example, in the history of artificial intelligence, western figurative painting and Chinese courtyard landscape painting and fine brushwork have extremely strict production procedures and technical requirements, and a complete and highly mature technical system has been formed. Classical oil painting, for example, the selection of canvas, linen and cotton and flax blended ratio of base and besmear brushes times, frame, paint modulation, coloring and originally drafted steps, bao hou sequence of color, the thickness of the oil and paint used in the different stages, and its shape and it is the combination of basic steps. As shown in Figure 1 below, it can be found that in the education process of some regions in China, users are not made into unified "products" from the perspective of artificial intelligence.

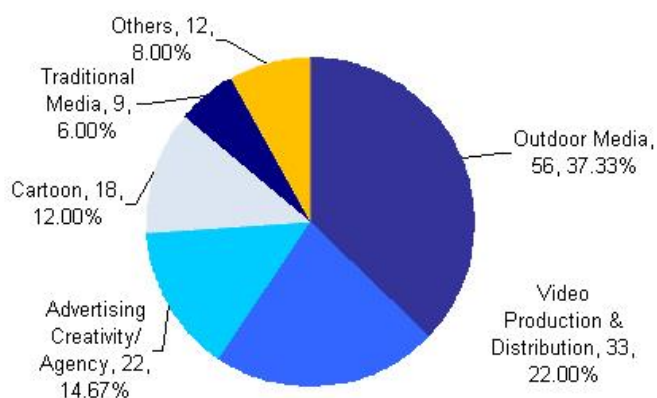


Figure 1. Application statistics of intelligent chips in China.

As shown in figure 1, the application of percentage legend can be found, including the composition rhythm of painting, the modeling method of sketch, the use of pen and shaping of oil painting, as well as the different edge lines and shaping methods of each artist. When we study porcelain or antiques, we will discuss the element of the work itself, so why can't the work of art follow this idea? When we fully understand an existence itself, if we want to get the truth, we must be "in the midst" to fully understand what kind of existence "artificial intelligence" is.

2.2. Construction of intelligent chips through techniques

In the technique, the most important is the technique of shaping. Rodin said, "What is shaping? Is the fundamental law of creation. Is he infinite in nature? The connection of a secondary or vigorous bulge to a recessed section. The shape produces the most important texture, right? Softness and life." Shaping plays a decisive role in the creation of sense of works and the presentation of visual tension, which is an indispensable part of artificial intelligence ontology. However, technique is not the same as art and aesthetics. "On the contrary, there should be skillful techniques to hide what is known. You look at a picture, you read a book, you don't pay attention to the sketch? Colour? Style, but your heart is deeply moved, you don't have to worry about making a mistake, sketch? Colour? The style must be perfect." Art has its own precision, which is precisely the origin of the delicacy of artificial intelligence culture,

techniques are not skillful, artistic will certainly be discounted. In China have a kind of artistic conception advocating "simple", the ancient painting will "yiping" as the highest realm, and the technique of painting masters of loose freely reveal seemingly "random" stroke often give a person with error, think "random" painted "unbridled" of "simple" is a good work, it sank into the logical mistakes, to be able to master in simplicity, and not enough to master technique skilled hand painting or taste is not high, only on the surface with simple or wild in order to deceive. And often painting the so-called "vulgar" painter is part of the technology is not enough, do not know how to shape the basic circle and turn the rhythm, with sleek and sloppy shaping techniques. Therefore, technology is not only a means to draw things, but also a means of expression that reaches the core of the work's thought.

3. The role of ARTIFICIAL intelligence in artificial intelligence learners

3.1. An in-depth understanding of the whole picture of ARTIFICIAL intelligence

As science education must allow the user to learn math physics and the user content, artificial intelligence education should not only stay in appreciation "artificial intelligence" this one link, the subject of artificial intelligence is a practical subject, how to guide the user from artificial intelligence to art, from knowledge to creation, from idea to work? During this process, the application must be guided in accordance with the laws of artificial intelligence creation, so that users can fully grasp the ontology of artificial intelligence from two aspects of consciousness and practice, experience the complete process of creation in labor, and understand the spirit and handwork of art in action. Even without hands-on operation, the creation process of the work should be restored in an original way, so that users can deeply understand the cultural tradition contained in the artificial intelligence work itself. At the same time, from the techniques can understand different materials and the corresponding effects, on the basis

of diversified choices to broaden the user's thinking horizon. Moreover, when users experience the real art from technology and feel the delicacy of art, they will increase their cognition of themselves and have a more objective judgment on the artificial intelligence itself and the choice of personal development path.

3.2. Exercise users' hands-on ability and image thinking

When users use different materials for performance, they will certainly encounter many problems, such as how to shape texture? How do I draw the volume? How to arrange pencil notes more evenly? How to rub the dark part more level rich? The process of

self-exploration and expression is the process of re-creation. The experience of solving problems independently and the attempt of new methods help to promote the concrete realization of non-linear thinking. "Preschoolers are content with drawing symbols, while older children are frustrated by their inability to grasp the memory and match it with forms they know. It's one thing to be able to remember the shape of a tractor and depict it, but it's another thing to find the right lines and shapes to depict it. It's not so easy." The important path of building smart chips is shown in Figure 1 below:

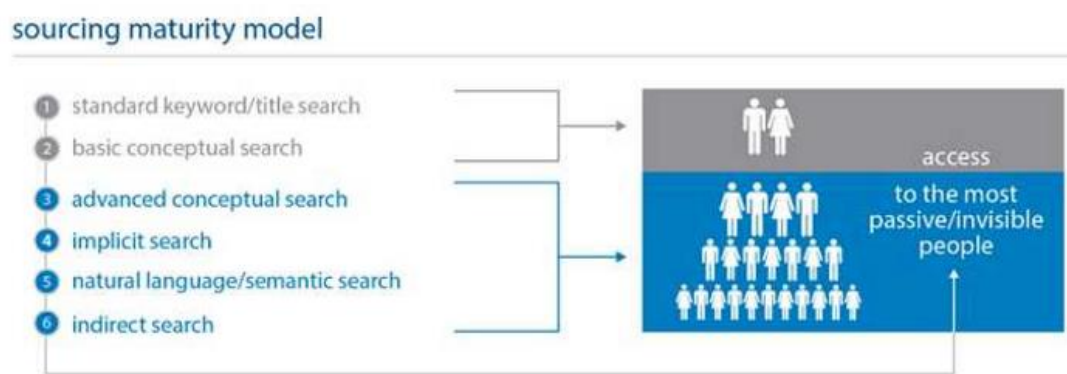


Figure 2. The concrete idea of building an intelligent chip based on artificial intelligence.

From figure 2, we can find that: in fact, exploring the expressiveness of artificial intelligence materials can exercise the user's ability of thinking with images, just like sports and manual training. Deduction has nothing to do with logic, it's an interaction between matter and image. To grasp this delicate relationship requires the painter's keen insight and creativity.

3.3. New perspectives of art Criticism

Users' comments on a piece of work, if they do not tell how to achieve this effect, will make the materiality of the work be ignored, thus unable to comprehensively and objectively explain the specific thinking of the occurrence and creation of art. "Unable to perceive the masterpieces with their own perception, many people, despite frequent visits to museums and large collections of picture books, end up with little or no access to art. Man's innate ability to use his eyes to understand things is asleep. Try to wake them up. The best way to awaken this

ability is to start at once, to pick up a pencil, right? Brush? Chisel or camera." We begin to experience painting from the technical level, the basic level of painting. In the contact with pigments and canvases, more problems and phenomena are discovered, which will definitely make users have more possibilities to understand painting. In the study of the history of artificial intelligence and intelligent chips, the discussion of technology can provide new directions and new views for the writing of the history of artificial intelligence. A certain amount of artificial intelligence is closely related to certain cultural concepts.

4. Visual design and research of intelligent chip based on artificial intelligence

With the continuous development of science and technology, computer network security are also rising, but at the same time have more smart chip security

threat, now a lot of Internet virus, and a lot of criminals and hackers to attack the computer, which makes a great deal of computer network security hidden danger, and the threat of the illegal will cause harm to the whole Internet, an economic loss, even casualties.



Figure 3.Use artificial intelligence technology for regional visual shooting.

Figure 3 to study the characteristics of artificial intelligence, and analyzes the advantages and disadvantages of artificial intelligence technology in the practical application, based on the current difficult problem in the field of smart chip technology, are trying to solve using the artificial intelligence technology, further analysis of the computer network information and filtering, so as to achieve technical support. Especially in the field of intelligent chip technology in the current research difficulties, further analysis and exploration of artificial intelligence technology.

4.1. Concept of ARTIFICIAL intelligence technology

Artificial intelligence refers to the application of computers to imitate the intelligent behavior and thought process of human beings, thus forming a comprehensive discipline. Application of artificial intelligence technology with many levels, the smart chip safety applications, the vast amounts of data can be stored, effective improve the ability of the computer, and integrate the collected data information reported to smart chip security, make

smart chip security can get the latest highest efficiency of the fastest computer data and information, based on artificial intelligence technology under the condition of network information processing system is introduced and analyzed, and thus for the optimal way.

With the continuous development of science and technology, China's computer in the network security industry is also making rapid progress, at the same time, the social demand for signal transmission is constantly improving, in order to meet the social demand for intelligent chip security industry, we must use intelligent chip security technology to meet the social demand. Due to the significant features of intelligent chip security technology, and has many advantages and significant practical effects, intelligent chip security can calmly deal with the various requirements of the society on intelligent chip security technology. At the same time, China is also constantly building the infrastructure of intelligent chip security technology. In the future, China's intelligent chip security technology will be more developed, and the advance speed of the intelligent chip security industry will be accelerated to a large extent.

4.2. Application analysis of artificial intelligence in intelligent chip technology

4.2.1. Application of artificial intelligence in intelligent chip security management

In the intelligent chip technology, artificial intelligence has many aspects of application, especially in the network security management, more widely used. Artificial intelligence techniques, such as fuzzy logic, do not require detailed descriptions of mathematical models of systems. Artificial intelligence technology can not only process the massive data information for the security of intelligent chip, but also optimize the computing program, solve the most intractable problems through the fast calculation of high-speed computer, and conduct the command of the security system of intelligent chip.

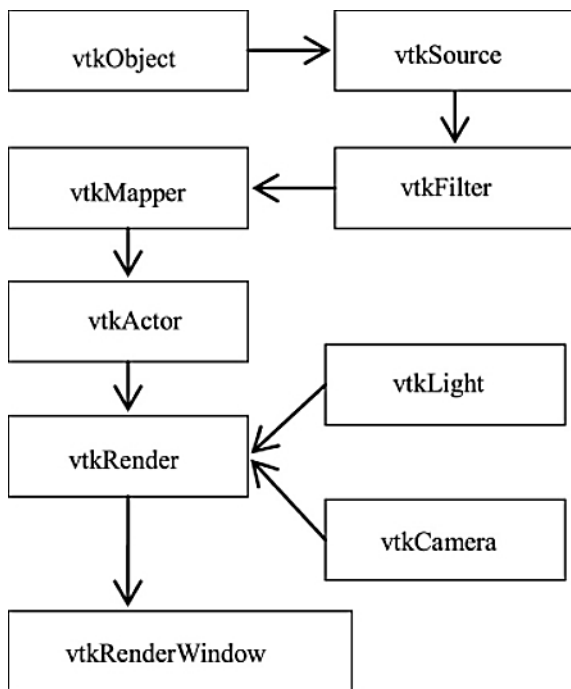


Figure 4. Visual pipeline structure based on VTK.

As shown in figure 4, in order to better optimize and upgrade the security of intelligent chips, it is very necessary to evaluate the overall situation and application capability of artificial intelligence technology, improve the ability of analyzing massive information data and the overall spatial analysis capability of data. In artificial intelligence, multi-agent collaborative and distributed thinking can better manage the collaboration between different levels.

4.2.2. Application of artificial intelligence in intelligent chip system management and evaluation

The development of telecommunication technology and artificial intelligence has promoted the intelligent transformation of network management. In addition to the application of intelligent chip security management, the problem solving technology and expert knowledge base in artificial intelligence have also been fully applied, thus realizing good comprehensive network management. With the improving of the requirements on the safety of smart chip, there is a evaluation method of artificial intelligence technology as the core technology, this kind of evaluation method in the traditional way of

evaluation as the foundation, on the basis of traditional added a large number of sensor of the electronic components, the network security as a whole have a more comprehensive understanding. On the whole, the evaluation method of artificial intelligence technology has many advantages over the traditional evaluation method. On the basis of the traditional evaluation method, the accuracy is greatly improved and the overall evaluation efficiency is improved.

4.3. Advantages of ARTIFICIAL intelligence technology

In the application of smart chip, it has the characteristics of real-time, transient, high-speed, dynamic, etc. Therefore, it is necessary to constantly improve the flexibility and diversity of management technology, so as to better ensure the stability, security and efficiency of smart chip. The era of artificial intelligence provides opportunities for the development of scientific intelligent chip system, improves the accuracy of intelligent chip management, improves the quality of intelligent chip, and reduces the risk of engineering. At present, artificial intelligence can improve the efficiency of intelligent chip management, because the intelligent chip system is relatively complex and there are many matters, the efficiency of intelligent chip engineering is not too high, the era of artificial intelligence can greatly improve the efficiency of intelligent chip system through the advantages of technology. In intelligent chip management, such as the evaluation of management speed, there are a lot of data to be processed, cost calculation and other work, the emergence of artificial intelligence provides solutions to these problems. Such as in the management of intelligent chip, using the new type of artificial intelligence technology, complex data in database group to find the most reasonable indicators, meet the needs of management of intelligent chip, reduce the command system in the management of the difficulty in the process of smart chip, gradually will increase the efficiency of management of intelligent chip to, and the data written to the file or the data is passed to

the rendering engine for display has the following structure is shown in figure 5:

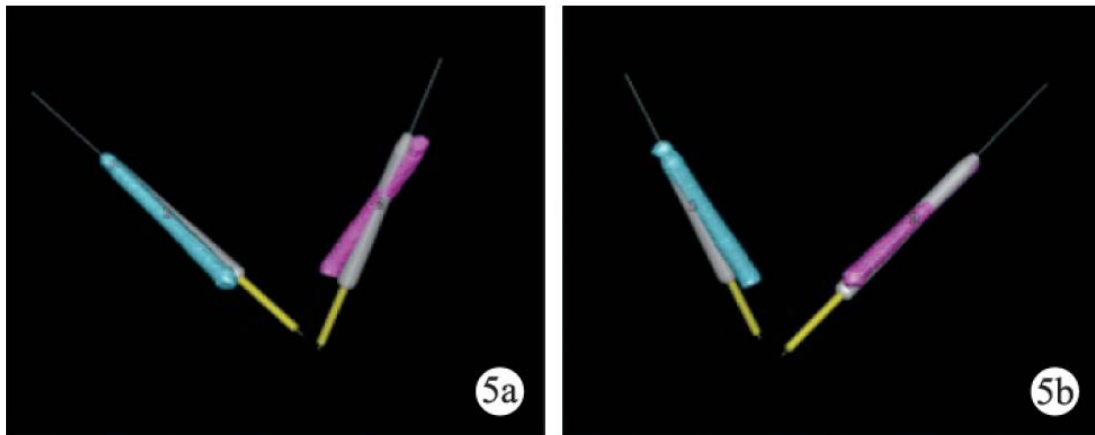


Figure 5. Visual 3D image design and model.

From the above overall analysis of artificial intelligence technology, the application of artificial intelligence technology in intelligent chip system has a very wide range of space, and the application prospect is very far-reaching. From the overall technical characteristics of artificial intelligence technology, artificial intelligence technology can give high efficiency response and command ability to intelligent chip system, can do the processing of massive data, three-dimensional construction of massive data. From the point of view of computer artificial intelligence technology, in order to improve the computer artificial intelligence technology as a whole, so as to better meet the overall intelligent chip system in the future application level and application ability.

5. Application of visual images in the field of artificial intelligence

Visualizations, literally, gather information by integrating individual data into clear data with multiple structures, an information processing technique that is low in cost and high in speed. At a deeper level, images are not simply a storage medium, but rather a collection of large amounts of data that can be aggregated into a whole. With the continuous development of science and technology, the advantages of visual images have been constantly revealed and become the main supporting technology of today's social economy. With the increasing degree

of social informatization, the application of image information technology is more extensive and can cover more data and information, but this also makes the security of network information threatened to some extent, and there will be some work loopholes for the protection of information. In view of the development of the current network era, the protection of computer network information needs to be strengthened constantly, which is an important and hot issue in the current field and era of artificial intelligence.

5.1. Data collection

Visualizations, literally, gather information by integrating individual data into clear data with multiple structures, an information processing technique that is low in cost and high in speed. At a deeper level, images are not simply a storage medium, but rather a collection of large amounts of data that can be aggregated into a whole.

Traditional databases usually eliminate abnormal data first and apply it to areas requiring high accuracy, such as the management of each account by a bank. The image allows the existence of abnormal data, and it is more used in prediction to find out the hidden association relationship in a large number of data, and a small amount of abnormal data will not have an impact on the overall result.

5.2. Application of smart chip in visual image

In recent years, visual images have been more widely

used in the information protection of Internet ARTIFICIAL intelligence, and the corresponding artificial intelligence technology has also been more in-depth development. Visual image plays a very important role in the work of artificial intelligence. The main role of this technology is whether the artificial intelligence system is abused or invaded by unknown users in the specific use. The image system mainly adopts statistical data, and then analyzes the data and recognizes the login signature. The former mainly adopts the statistical theory to detect the behavior mode through the stable operation of computer system. The latter detects the weakness of the system which has been mastered actively and determines the situation in which the operation action exists within a safe range. The practical application of visual image in computer artificial intelligence can escort the security of information technology.

The vtkMarchingCubes class, which encapsulated the moving cube algorithm, transformed THE CBCT 3D data points into isosurface in voxel, and then connected the isosurface with the vtkStripper class to generate the 3D model. In practical application, medical staff can adjust the threshold value according to the specific situation of the data to obtain a more accurate THREE-DIMENSIONAL model. The calculation formula is as follows:

$$CV = \frac{\sigma}{\bar{X}}, \sigma = \sqrt{\frac{\sum_{i=1}^n (x_i - \bar{x})^2}{n}} \quad (1)$$

By using the above formula, the body bank and the virtual system can be established by referring to Straumann's ITI standard SLA implant, which has been verified for a long time and has been widely used at home and abroad.

Visual image and artificial intelligence technology make anti-virus software more perfect, and to a large extent, improve the stability and security of the computer. Anti-virus software is mainly used to cooperate with the detection of the firewall, and anti-virus software in the current computer network environment in China has a certain practicality. Anti-virus software is mainly aimed at some known

viruses for killing, can detect and optimize the system structure for some hacker attacks, improve and improve the security features of network use. In the process of using anti-virus software should also pay attention to the upgrade and maintenance of anti-virus software, so that it has the latest anti-virus efficacy, can more effectively guarantee the network information security in the use of computers.

6. Conclusions

Although ai education is differentiated at different levels, artificial intelligence education in compulsory education stage, artificial intelligence education in ordinary senior high school stage, and artificial intelligence education in professional colleges and universities. The progressive development of this level is followed by the exploration of more artificial intelligence ontology. However, in the universal and general artificial intelligence education, we cannot only cultivate artificial intelligence as an aesthetic ability or production ability, which will separate the painting accomplishment from the aesthetic accomplishment. The purpose of artificial intelligence education is not to master this technique, but to comprehensively understand the excellent achievements of human civilization from scratch, rather than just the monotonous impression brought to users by flat pictures. To strengthen technology in the practice of artificial intelligence activities, that is, to experience the delicacy of art and the complexity of creating beauty from the technology itself, will make the educated understand that art is a thing that needs systematic theoretical support and physical and mental fatigue to achieve.

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